

Form PTO-1449

Sheet 1 of 2

Applicant: Takayuki Mizuno et al.

Confirmation No.: 2202

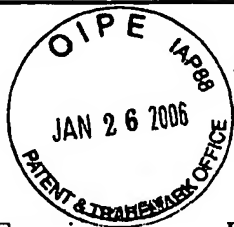
Serial No.: 10/536,649

Att'y Docket No.: 14321.75

Filing Date: May 27, 2005

Art Unit: 2874

For: INTERFERENCE OPTICAL SWITCH AND VARIABLE OPTICAL ATTENUATOR

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

Examiner Initial*	Document Number	Issue Date	Name
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Foreign Patent Documents

Examiner Initial*	Document Number	Publication Date	Country or Patent Office	Translation
<i>mm</i> 1	05-061077	03/12/1993	Japan	No
2	06-051354	02/25/1994	Japan	No
3	08-122545	05/17/1996	Japan	No
<i>mm</i> 4	0 382 461 A2	08/19/1990	EPO	N/A

Other Documents

(including author, title, pertinent pages, etc.)

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<i>mm</i> 5	Masayuki Okuno et al., <i>Low-Loss and High Extinction Ratio Silica-Based 1 x N Thermo-Optic Switches</i> , OECC/IOOC 2001 Conference Incorporating ACOPT, July 5, 2001, pp. 39-41.
6	Takashi Goh et al., <i>High-Extinction Ratio and Low-Loss Silica-Based 8 x 8 Thermo-optic Matrix Switch</i> , IEEE Photonics Technology Letters, Vol. 10, No. 3, March 1998, pp. 358-360.
7	S. Sohma et al., <i>Low Switching Power Silica-Based Super High Delta Thermo-Optic Switch with Heat Insulating Grooves</i> , Electronics Letters, Vol. 38, No. 3, January 31, 2002, pp. 127-128.
<i>mm</i> 8	Takashi Goh, <i>Low-Loss and High-Extinction-Ratio Silica-Based Strictly Nonblocking 16 x 16 Thermo-optic Matrix Switch</i> , IEEE Photonics Technology Letters, Vol. 10, No. 6, June 1998, pp. 810-812.

Examiner:

Michael P. Mooney

Date Considered:

7.9.07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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- MPM* 9 Toshio Watanabe et al., *Silica-based PLC 1 x 128 Thermo-Optic Switch*, 27th European Conference on Optical Communication 2001, ECOC '01, Vol. 2, pp. 134-135.
- 10 Kaname Jinguji et al., *Two-Port Optical Wavelength Circuits Composed of Cascaded Mach-Zehnder Interferometers with Point-Symmetrical Configurations*, Journal of Lightwave Technology, Vol. 14, No. 10, October 1996, pp. 2301-2310.
- 11 Masayuki Okuno et al., *Birefringence Control of Silica Waveguides on Si and Its Application to a Polarization-Beam Splitter/Switch*, Journal of Lightwave Technology, Vol. 12, No. 4, April 1994, pp. 625-633.
- MPM* 12 Takayuki Mizuno et al., *Mach-Zehnder Interferometer with a Uniform Wavelength Period*, Optics Letters, Vol. 29, No. 5, March 2004, pp. 454-456.

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

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Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

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